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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/717,090	11/20/2003	Taku Kodama	245691US2	7016
22850 OBLON, SPIV	7590 07/03/200° AK, MCCLELLAND,	EXAMINER		
1940 DUKE ST	TREET .	DANG, DUY M		
ALEXANDRIA, VA 22314			ART UNIT	PAPER NUMBER
•			2624	
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Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary 10/717,090 KODAMA ET AL.		Application No.	Applicant(s)
Duy M. Dang 2624		10/717,090	KODAMA ET AL.
The MALING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ∫ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Edensions of this may be available under the provisions of 37 FR1 1350, in no event, however, may a reply be timely filled in the 10% (b) MCNTTS from the mailing date of this communication. Set of 10% (b) MCNTTS from the mailing date of this communication, and the provision of the 10% (b) MCNTTS from the mailing date of this communication. Fallur to report within the set of ventoded part of the remote plant of the communication, and the provision of the 10% (b) MCNTTS from the mailing date of this communication, and the provision of the 10% (b) MCNTTS from the mailing date of this communication, and the provision of the 10% (b) MCNTTS from the mailing date of this communication, and the provision of the 10% (b) MCNTTS from the mailing date of this communication, and the provision of the 10% (c) MCNTTS from the mailing date of this communication, and the provision of the 10% (c) MCNTTS from the mailing date of this communication, and the provision of the 10% (c) MCNTTS from the mailing date of this communication, and the provision of the 10% (c) MCNTTS from the mailing date of this communication, and the provision of the mailing date of this communication. Status 1) □ Responsive to communication (s) filled on 20 October 2003. 2a) □ This action is FINAL. 2b) □ This action is non-final. 3) □ Claim(s) □ 1205 is/are provision in the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) □ Claim(s) □ 1205 is/are provision in the practice of the provision of the analysis of the advance of the provision of the provision of the data from the from the l	Office Action Summary	Examiner	Art Unit
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Application/Control Number: 10/717,090

Art Unit: 2624

DETAILED ACTION

Specification

1. The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Election/Restrictions

- 2. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1-39, drawn to wavelet compression and decompression, classified in class 382, subclass 240.
 - II. Claims 40-72, drawn to an image compression apparatus and method comprising setting thumbnail information in one or a plurality of form and adding such forms of thumbnail to a header portion of the compressed code data upon, classified in class 375, subclass 240.11.
 - III. Claims 74-145, drawn to an information processing apparatus and method for producing compressed code data comprising storage location and information concerning a location storing the image to be compressed, classified in class 382, subclass 232 and/or class 358 subclass 1.2.
 - IV. Claims 146-205, drawn to an information processing apparatus and method comprising extracting desired code data from image code data and adding information concerning the extracted desired code, classified in class 382, subclass 100.
- 3. The inventions are distinct, each from the other because of the following reasons:

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Invention I and each of Inventions II-IV are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct if they do not overlap in scope and are not obvious variants, and if it is shown that at least one subcombination is separately usable. In the instant case, subcombination Invention I has separate utility such as wavelet compression which is not used in each of Inventions II-IV. See MPEP § 806.05(d).

Invention II and each of Inventions III-IV are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct if they do not overlap in scope and are not obvious variants, and if it is shown that at least one subcombination is separately usable. In the instant case, subcombination Invention I has separate utility such as setting thumbnail information in one or a plurality of form and adding such forms of thumbnail to a header portion of the compressed code data upon which is not used in each of Inventions III-IV. See MPEP § 806.05(d).

Inventions III and IV are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct if they do not overlap in scope and are not obvious variants, and if it is shown that at least one subcombination is separately usable. In the instant case, subcombination Invention I has separate utility such as *producing compressed code* data comprising storage location and information concerning a location storing the image to be compressed which is not used in each of Invention IV. See MPEP § 806.05(d).

The examiner has required restriction between subcombinations usable together. Where applicant elects a subcombination and claims thereto are subsequently found allowable, any claim(s) depending from or otherwise requiring all the limitations of the allowable subcombination will be examined for patentability in accordance with 37 CFR 1.104. See MPEP

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§ 821.04(a). Applicant is advised that if any claim presented in a continuation or divisional application is anticipated by, or includes all the limitations of, a claim that is allowable in the present application, such claim may be subject to provisional statutory and/or nonstatutory double patenting rejections over the claims of the instant application.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Duy M. Dang whose telephone number is 571-272-7389. The examiner can normally be reached on Monday to Friday from 6:00AM to 2:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eileen D. Lillis can be reached on 571-272-6928. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

dmd 6/07 DUY M. DANG

DDIMARY EXAMINER